

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,023,173 B2  
APPLICATION NO. : 10/773159  
DATED : April 4, 2006  
INVENTOR(S) : Tae-Duk Kim

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

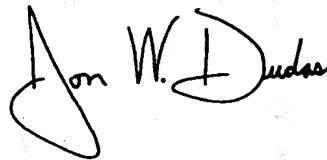
Column 8, line 21, after "time after", delete "the"

Column 8, line 37, after "to" delete "a" and insert --an--

Column 8, line 64, change "zero crossing" to --zero-crossing--

Signed and Sealed this

Twenty-second Day of August, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*